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6267

LONGSTRETH'S Seed Annual AND Bargain Catalog

Of Standard Garden Seeds, Flower Seeds, Gladiolus
and Tuberose Bulbs, Etc.



LONGSTRETH'S NEW COFFEE BERRY.

(No. 1.) The best coffee substitute ever discovered. Many pronounce it as good as the genuine. The poor man's friend and the rich man's delight. Matures in four months. While growing it is a perfect sight to behold. Fruits from the ground up, and on limbs in every direction, the pods touching each other. It does well on every kind of soil, and you can raise your own COFFEE FOR ONE CENT A POUND.

Many claim that by mixing a few grains of store coffee with it the combined flavor obtained is more delicious and

aromatic than the imported article. Parch and prepare like other coffee, and you will be surprised and delighted to find how good it is. Large packet, 10c.; oz. 15c.

W. B. LONGSTRETH, Gratiot, O.



GREETING.

GRATIOT, OHIO, January 1st, 1900.

May seed time leave your doubts no room,
The summer find your fields a-bloom,
The harvest, as 'tis gathered in,
Crowd every barn, and every bin.

KIND FRIENDS AND PATRONS—Again I have the pleasure of presenting to you my Catalog of Standard seeds for the Spring of 1900; and I wish, first of all, to thank you for the kind words and patronage of last year, and trust, as it has been my aim to please, that I may have your confidence and orders in the future.


My catalog is not so elaborate or showy as some you may receive; but, if you will compare the prices, you will undoubtedly find the balance in favor of my modest effort.

If you have not already tried my seeds, please send me a trial order, even if it is only for a single packet, and be convinced that I can, and do, sell as good seed and as large packets as the expensive-catalogue firms do, for from 30 to 50 per cent. less money.

PLEASE READ, THEN ORDER.

TERMS STRICTLY CASH. Remittances may be made at my risk by the following methods: Post office Money Order on GRATIOT, OHIO; Bank Draft; Express Order or Registered Letter. Postage Stamps, if ones or twos, and in good condition, accepted for fractional parts of a dollar.

GUARANTEE.—While I always exercise the greatest care to have all seeds pure and reliable in every respect, and that they will grow with the proper treatment, and be as represented, in so far that if they prove otherwise I will refill the order or refund the money. The customer, however, must bear in mind that there are so many contingencies over which I have no control, that I under no circumstances whatever guarantee a crop. The safe arrival of all seeds sent by mail guaranteed.

 **I WOULD BE PLEASED** if customers, on the arrival of their orders, would report condition of same; also your success with seed, good or bad.


If you receive an extra copy of my catalog please present it to a friend or neighbor who is interested in planting good seed.

When sending your order, if you will send the names and addresses of a few of your friends who buy seed, I will send some choice vegetable or flower seeds for your trouble. Order early, and be sure and **WRITE YOUR NAME, POSTOFFICE, COUNTY AND STATE VERY DISTINCTLY.**


Awaiting the commands of my esteemed friends and patrons, both old and new,
I remain,

Yours Most Truly,

W. B. LONGSTRETH, Box 69, Gratiot, Licking County, O.

 **NOTICE.**—I particularly desire to call your attention to my remarkable offer of Seeds in Collections. This is the best offer ever made by a reliable seed firm, and **LONGSTRETH'S SEEDS GROW.** See third page of cover.

Seeds Postpaid by Mail.

 The prices quoted on all Seeds and Bulbs include postage, and safe delivery guaranteed. If ordered by express or freight, at your risk and expense, deduct 10c. per lb. and 15c. per quart.

ORDER EITHER BY NUMBER OR NAME.

BEANS—*Dwarf or Bush.*

Plant after danger of frost is past in drills 18 inches apart and 4 inches apart in the drill, in most any good garden soil, except a cold, wet one. Do not hoe or cultivate when wet with dew or rain.

2. **LIGHTNING EARLY RED VALENTINE**—Is just what its name indicates. It is the earliest kidney-shaped bean in the world. The most profitable variety for market. For a green podded snap bean there is no variety its equal. The vines are erect, bearing an abundance of pods of medium size, and when young they are entirely stringless. Among the green podded sorts none can be compared with our stock of Lightning Valentine. Sure to give satisfaction. Pkt. 5c.; $\frac{1}{2}$ pt., 10c.; pt., 18c.; qt., 35c.

3. **YELLOW KIDNEY, or SIX WEEKS.** Vines large and very productive; nearly as early as the Lightning Valentine. Pods green, and always thick and meaty. Adapted to any soil and weather. The beans, when dry, are kidney-shaped, and in color are a yellowish drab. Pkt., 5c.; $\frac{1}{2}$ pt., 10c.; pt., 18c.; qt., 35c.

4. **IMPROVED ROUND POD or SIX WEEKS.**—A round podded variety, fully a week earlier than the Yellow Kidney; of extra fine quality, immensely productive, a strong grower and a sure cropper. Never fails to give satisfaction, and I believe it is the earliest bean in the world. Be sure to give it a trial. Pkt., 5c.; $\frac{1}{2}$ pt., 10c.; pt., 18c.

5. **DWARF WHITE NAVY.**—The most valuable variety and the heaviest yielding bean known, growing 18 to 24 inches high and branching out in all directions, and bearing an abundance of well-filled pods. Immensely productive. The beans are small, pure white, cook quickly, and have

a very fine flavor. Medium early. Sure to give satisfaction. Pkt., 5c.; $\frac{1}{2}$ pt., 10c.; pt., 16c.; qt., 28c.

6. **WHITE MARROW.**—A standard variety for field culture. Very early, immensely productive, and of the very finest quality, either in a green or dried condition. Seeds white, nearly round, and always command the very highest price in the market as a dry bean. Pkt. 5c.; $\frac{1}{2}$ pt. 9c.; pt. 16c.; qt. 28c.

7. **HENDERSON'S BUSH LIMA.**—Popular variety. Valuable on account of its extreme earliness and wonderful productiveness, continuing to grow and set pods until killed by frost. Vines are without runners; leaves small, green and Lima-like. Pods short, flat, and contain from three to five beans, which are of a very delicious flavor. Pkt. 5c.; $\frac{1}{2}$ pt. 10c.; pt. 18c.; qt. 30c.

BEANS, *Pole or Running.*

Plant in hills 3 to 4 feet apart and 2 inches deep, and about six beans to a hill; when well established thin to 4 plants to the hill.

8. **LAZY WIFE.**—Very popular variety. Pods 6 to 8 inches long, entirely stringless, of a rich, buttery flavor when cooked; an excellent white shell bean for winter use. A good bean to plant with corn. Pkt. 5c.; $\frac{1}{2}$ pt. 12c.

9. **KING OF THE GARDEN LIMA.** One of the best pole Lima Beans grown: pods very large, containing five to seven unusually large beans of excellent flavor. Very productive. Pkt. 5c.; $\frac{1}{2}$ pt. 12c.; pt. 20c.

No Order Too Small.

No One Can Sell You Better Seeds.

BEETS.

Sow as early in the spring as the ground can be worked in light, well-manured soil, in drills 12 inches apart and 1 inch deep. Thin to 4 inches apart. For winter use sow in June.

10. **EARLY BLOOD TURNIP.**—The standard early variety: blood red, turnip-shaped, with small top and tap root, smooth, very tender and good for early use, and if planted later it will make an excellent beet for winter use. Pkt. 5c.; oz. 7c.; $\frac{1}{4}$ lb. 15c.

11. **ECLIPSE.**—Grows very smooth, small top, dark crimson color, and quite early. Pkt. 5c.; oz. 7c.; $\frac{1}{4}$ lb. 15c.

CABBAGE.

For the very early crop sow in the hot-bed in March. For the main crop sow in open ground the latter part of May, and when 2 or 3 inches high transplant into rows 2 to 2 $\frac{1}{2}$ feet apart each way, allowing more room for the larger growing sorts.

12. **EARLY JERSEY WAKEFIELD.**—Undoubtedly among the best, IF NOT THE BEST, early cabbage in the world. It is always of good size, very early and solid, and has but few outside leaves. A reliable header and sure to give satisfaction. Pkt. 5c.; oz. 15c.

13. **LATE FLAT DUTCH.**—An excellent winter variety, producing large, flat, round heads, very solid. The quality is very fine and the flavor excellent. Pkt. 5c.; oz. 12c.



Sure-Head.

14. **SURE-HEAD.**—This very popular variety is rightly named "Sure-Head." It never fails to produce large, round, flattened heads of the Flat Dutch type. It IS ALL HEAD AND ALWAYS SURE TO HEAD, even when other varieties fail. The heads are remarkably uniform, very hard and firm, fine in texture, and ordinarily weigh from ten to fifteen pounds each. An excellent keeper, and one of the best varieties of cabbages in the world. Pkt. 5c.; oz. 20c.

CELERY.

Sow early in April. Transplant about the first of June in rows three feet apart and the plants six inches in the row. Trim the plants two or three times when small to promote stalky growth. As fall approaches draw earth up to the plants, keeping the stalks well together.

15. **GOLDEN SELF-BLANCHING.**—This is undoubtedly the best celery for general use. Requires but little banking up to blanch it. It is quite early, crisp, and of a delicious flavor. Pkt. 5c.

16. **WHITE PLUME.**—Self-blanching to a great extent; early, crisp and tender. Pkt. 5c.

SWEET CORN.

Plant when the ground becomes thoroughly warm, in hills three feet apart each way. For a succession continue to plant about every two weeks until the last of July.

17. **SHAKER'S EARLY.**—Large, well-filled ears, kernels pure white and of a most delicious flavor. Pkt. 5c.; $\frac{1}{2}$ pt. 8c.; pt. 15c.

18. **STOWELL'S EVERGREEN.**—Medium late, hardy and productive, very tender and sugary, remaining a long time fit for table use. Pkt. 5c.; $\frac{1}{2}$ pt. 8c.; pt. 15c.

Order your Seeds from

W. B. LONGSTRETH,

Gratiot, Ohio.

CUCUMBERS.

For very early cucumbers the seed can be planted in a piece of inverted sod in the hot-bed or in the house, and transplanted, sod and all, into open ground when danger of frost is past. For the main crop plant in open ground after danger of frost, in hills four feet apart each way, and cover the seed with about one inch of soil.

19. **JAPANESE CLIMBING.**—The vines are of healthy, vigorous growth, with rich, dark green foliage, and throw out strong, grasping tendrils, which enable it to climb trellis, wire netting or brush, in fact, any suitable support. It bears abundantly throughout the season. The fruit is thick, and of delicate flavor; flesh pure pearly white, crisp and tender; skin dark green, turning to brown and netted when ripe. Sure to give satisfaction. Pkt. 5c.; oz. 8c.

20. **WHITE SNOW.**—Introduced five years ago by a Wisconsin seed firm, and it has completely captured the hearts of thousands upon thousands of cucumber growers. Every lady who graces her table therewith once would not get along without it. It is undoubtedly the handsomest



White Snow.

WHITE CUCUMBER in the world. The vines are quite vigorous in growth, bearing an immense yield of beautiful cucumbers, which are of large size, and always of a **PURE WAXEN WHITE COLOR**, and extremely attractive. The flesh is solid, pure white, exceedingly crisp and tender. Pkt. 5c.; oz. 9c.; $\frac{1}{4}$ lb. 25c.

21. **WHITE SPINE** or **ARLINGTON.**—One of the most popular varieties, both for marketing and table use. Vines vigorous, fruiting early and abundantly; straight and handsome; light green, with a few white spines; flesh crisp and of a

delicious flavor. It is one of the best for slicing. Pkt. 5c.; oz. 7c.; $\frac{1}{4}$ lb. 18c.

22. **COOL AND CRISP.**—This variety is claimed to be the earliest and most prolific of all pickling cucumbers. The vines are exceedingly productive, bearing the entire season. The cucumbers are of a dark green color, very crisp and tender. Pkt. 5c.; oz. 7c.; $\frac{1}{4}$ lb. 18c.

23. **LONG GREEN.**—An old standby. Excellent quality. Fruit long, dark green, crisp and tender. Pkt. 5c.; oz. 7c.; $\frac{1}{4}$ lb. 17c.

LETTUCE.

Lettuce delights in a rich, mild soil. Sow as early as the ground can be worked, in drills about one foot apart, and every two weeks for a succession. When well up thin to six or eight inches apart, so the plants can form heads.

24. **LONGSTRETH'S EARLIEST.**—Now, I think I know a thing or two about lettuce, and I think I am perfectly safe when I say this is the earliest lettuce in the world, and if any seedsman has an earlier lettuce, just let him prove it, if he can. This lettuce, which I take pleasure in offering to my customers for the first time, is indeed a remarkable lettuce. It grows quickly, is of a beautiful color and shape, and will produce a crop of lettuce quicker than any other variety that I know of. It is the lettuce for the early crop; it is the lettuce for the general crop; indeed, it is unsurpassed all the time. It originated in Germany, and was pronounced to be the earliest lettuce grown in the Empire. It was then introduced into our beloved country, and has been pronounced by market gardeners as the earliest ever seen. It forms a fair size head, and is exceedingly crisp, sweet and tender. Pkt. 5c.; oz. 12.

25. **NEW YORK MARKET.**—Standard variety: forms very large, solid heads, often 12 to 16 inches in diameter, and weighing from 3 to 4 pounds. It is the most crisp and tender lettuce I ever saw, and of excellent flavor and entirely free from bitterness. Pkt. 5c.; oz. 10c.

26. **LONGSTRETH'S PRIZE HEAD**—This is one of the finest head lettuce in cultivation. Heads large, solid, tender, blanching perfectly; oily and buttery in texture and delicious in flavor. Pkt. 5c.; oz. 8c.

27. **NEW ICEBERG**.—There is no handsomer or more solid cabbage lettuce grown. It is of unusual striking appearance. The large curly leaves which cover the outside of the solid heads are of a bright light green. The heads are very solid, crisp, and exceedingly tender, even in the hottest days of summer. Heads frequently eight inches in diameter. Slow to run to seed. Don't fail to give it a trial; sure to give satisfaction. Pkt. 5c.; oz. 10c.

28. **SALAMANDER**.—An excellent summer variety; forms medium size heads. Pkt. 4c.; oz. 8c.

29. **LONGSTRETH'S SELECT MIXED**—A mixture of a number of choice varieties. Sure to please all who give it a trial. Pkt. 5c.

MUSK MELON.

Select a light, sandy, rich soil, and after all danger of frost is past plant in hills four to six feet apart each way, six to twelve seeds to the hill. When danger of insects is over thin to about three plants to a hill.

30. **TIP-TOP**.—This excellent variety undoubtedly stands at the very tip top for quality, productiveness and large size. Sweet, juicy, fine flavor: firm, but not hard, and eatable to the very outside coating. Pkt. 4c.; oz. 6c.; $\frac{1}{4}$ lb. 18c.

31. **PRINCESS**.—Handsome in appearance, wonderful weight and thick flesh, which is of a rich salmon color, sweet and luscious. Pkt. 4c.; oz. 6c.; $\frac{1}{4}$ lb. 18c.

WATER MELON.

Plant and cultivate the same as Musk Melons, except the hills should be about 8 feet apart each way.

32. **SWEET HEART**.—EARLY, LARGE

AND HANDSOME. Vines productive; fruit oval, very heavy, rind thin but firm, uniformly mottled light and dark green, flesh bright red, firm and solid, but very melting and sweet. Pkt. 4c.; oz. 6c.; $\frac{1}{4}$ lb. 18c.

33. **ICE CREAM**.—An excellent variety for home use. Very early, medium size, oblong, light green skin, flesh very sweet, melting and delicious. Pkt. 4c.; oz. 6c.; $\frac{1}{4}$ lb. 18c.

ONIONS.

The onion requires a clean and very rich soil. Use well rotted manure freely, thoroughly mixing it with the soil. Sow as early as possible, in drills one foot apart and $\frac{1}{4}$ inch deep. Thin out early, and keep the soil mellow and free from weeds. One ounce will sow 150 feet in drills. For sets sow very thick.

34. **OHIO GLOBE DANVERS**.—THE FINEST SHAPED, BEST AND LARGEST CROPPER OF ANY YELLOW ONION IN THE WORLD. The bulbs are large, globe-shaped, with very small necks, of a rich orange yellow color, enormous yielder and a splendid keeper. I would say to my friends that if you want a choice strain of Yellow Globe Onions this is the variety you want. Pkt. 5c.; oz. 8c.; 1-4 lb 25c.

35. **YELLOW GLOBE DANVERS**.—One of the most popular onions grown: early, globe shaped bulbs, small neck, flesh white, fine grained and mild in flavor; very productive. Pkt. 5c.; oz. 8c.; 1-4 lb 25c.

36. **LARGE RED WETHERSFIELD**.—The most popular red onion grown. Fine form, skin purplish red, flesh white; immensely productive; an excellent keeper. Pkt. 5c.; oz. 8c.; 1-4 lb 25c.

37. **WHITE GLOBE**.—Large, globe-shaped onion, flesh firm, fine grained, mild in flavor. One of the handsomest onions grown: of beautiful shape; skin pure white; an abundant yielder and a much better keeper than most varieties of white onions. Pkt. 5c.; oz. 20c., 1-4 lb. 50c.

PARSNIP.

Sow as early in the spring as the ground can be worked, in rich soil, in drills fifteen inches apart; thin to five to seven inches in the row.

38. **HOLLOW CROWN**—A great crop-per; tender and sugary, and considered the best for general cultivation. Parsnips are improved by remaining exposed to the frost. Pkt. 2c.; oz. 6c.

PEAS.

Peas require a light and rather rich soil. For the first crop plant as early as possible, and at intervals of about every two weeks for succession. Sow in double rows (about one foot apart), two inches deep. All peas will yield much better if some support, such as brush, wire, etc., be used.

39. **EARLY ALASKA, OR EARLIEST OF ALL**—The earliest REAL GOOD pea in the world. Away ahead of many so-called early peas, and TEN PER CENT. MORE PRODUCTIVE, and is generally fit for use in 35 to 40 days from planting. Vines about 2½ feet high, loaded with large, dark green pods, well filled with smooth, dark green peas, of most superior flavor, sweet and luscious. It is so uniform in ripening that nearly the whole crop can be picked at the first picking. Its three great points are extreme earliness, great productiveness and excellent quality. It is the pea for the market gardener; it is the pea for the home garden. Pkt. 5c.; ½ pt. 10c.; pt. 18c.; qt. 32c.

40. **TELEPHONE**.—This is without doubt the best late variety grown. Vines about 4 feet high, very productive; peas large and of the most delicious flavor. Pkt. 5c.; ½ pt. 10c.; pt. 18c.; qt. 32c.

41. **AMERICAN WONDER**—Quite early, with stout branching vines, which grow about nine to twelve inches high, and are covered with well-filled pods, containing seven or eight large, exceedingly sweet, tender and well-flavored peas. Dry peas medium size, much wrinkled and flattened; pale green in color. Pkt. 5c.; ½ pt. 10c.; pt. 18c.

PEPPER.

Sow in hot-bed in March, or in open ground when the weather has become warm. Transplant when three inches high in rows two feet apart and fifteen inches apart in the row. Set the plants in rich, warm, mellow soil.

42. **SWEET MOUNTAIN**—Plants vigorous and productive; fruit very large, often seven or eight inches in length by two or three in diameter; smooth and handsome, and when matured are of a rich red color; flesh thick, sweet and mild of flavor; one of the best for pickling or stuffing like mangoes. Pkt. 5c.

43. **GOLDEN QUEEN**.—One of the largest, handsomest and most productive perfect shaped peppers in cultivation. Fruits 6 to 10 inches long and 4 to 5 inches through; in color they are a bright, waxy, golden yellow, and of the mildest flavor. Pkt. 5c.

44. **LONG RED CAYENNE**—A small, pointed, slim pod variety; strong and pungent. Pkt. 5c.

PUMPKIN.

Plant in the middle of spring, among the Indian corn, or in hills about 8 or 10 feet apart each way, and about four seeds to a hill. Cultivate as melons or cucumbers; avoid planting near other vines.

45. **KING OF THE MAMMOTHS**.—The largest variety of true pumpkins in the world. The flesh and skin are of a bright golden yellow; fine grained, and of good quality. It is always a PRIZE WINNER at ever fair and exhibition where large pumpkins are shown. Frequently grows to three feet or more in diameter, and 100 to 200 pounds or more in weight. This is unquestionably the LARGEST VARIETY OF PUMPKINS IN THE WORLD. A splendid keeper and exceptionally valuable for feeding purposes. If you wish the GENUINE and TRUE SEED OF THE KING OF THE MAMMOTHS, send to LONGSTRETH. Pkt. 10c.; oz. 15c.

DON'T FAIL TO KEEP A COPY OF YOUR ORDER.



A PRIZE OF \$1.00

Will be paid to the one who reports CORRECTLY the weight of the largest specimen of THE KING OF THE MAMMOTHS, grown from seed purchased from me of this wonderful pumpkin. For the next largest I will give a year's subscription to either the Farm Journal or Park's Floral Magazine. All reports to be sent in by October 15, 1900.

PUMPKIN--Continued.

46. WINTER LUXURY—Flesh thick, sweet and fine flavored; makes very delicious pies; cooks in a remarkably short time; enormously productive; it grows to a diameter of 10 to 12 inches; a beautiful golden yellow color; very finely and closely netted; a number one keeper. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb 20c.

47. JAPANESE PIE—Flesh very thick and of a rich salmon color; nearly solid, the seed cavity being very small; fine grained, dry and sweet, making as rich pies without milk as other varieties do with; excellent keeper. Pkt. 5c; oz. 7c.

RADISH.

Radishes must grow quickly to be crisp and tender. Select a warm, sandy, rich, mellow soil. Use plenty of well-rotted manure. A liberal dressing of coarse salt will make the roots more brittle and keep them free from worms.

48. EARLY BIRD.—In offering this radish I can truly say it is the earliest radish I ever raised, and I do not hesitate to offer it as the earliest real good radish in the world; in fact, it is several days earlier than the so-called early sorts offered by many seedsmen. The fruit is unusually tender, sweet and delicious, and is a rich scarlet color and globe-shape. If you wish to have radishes 6 to 12 days ahead of your neighbors (unless they sow the Early Bird), you should sow this variety by all means. Just think, it has been

grown fit for use in 14 days. Sure to give satisfaction. Don't fail to give it a trial. Pkt. 5c; oz. 10c.

49. CINCINNATI MARKET.—This new radish originated near Cincinnati, O., and was first offered to the trade in 1895. Since that time it has become immensely popular. The tops are very small and the fruit perfectly straight and smooth, and grow six to seven inches long. Their attractive, glossy, scarlet-colored skin is very thin, and the flesh, crisp, tender and brittle. Without doubt it is the FINEST LONG RADISH GROWN. Pkt. 5c; oz. 8c.

50. EARLY SCARLET TURNIP.—Of deep scarlet skin, beautiful shape, and extra early. Its handsome appearance and extra fine quality always makes it a very popular radish, either for market or home use. Always crisp and tender. Pkt. 4c; oz. 7c.



French Breakfast

pure white at the top. Crisp and tender. Pkt. 3c; oz. 7c; $\frac{1}{4}$ lb 18c.

51. FRENCH BREAKFAST. — An old standard variety, of quick growth, crisp and tender. Pkt. 3c; oz. 7c; $\frac{1}{4}$ lb 18c.

52. CHARTIERS — A large crimson colored variety, shading to a

53. WHITE STRASBURG.—One of the best long summer sorts. Roots long and handsome, both skin and flesh pure white, flesh brittle and tender. Pkt. 3c; oz. 7c; $\frac{1}{4}$ lb 18c.

SALSIFY, or VEGETABLE OYSTER

A delicious vegetable either stewed, boiled or fried. The soup has the flavor of the oyster, for which it is an excellent substitute. No family should fail to plant it. Can be used from October to the following spring, but is much benefited by at least one or two hard freezes.

54. MAMMOTH SANDWICH ISLAND—A new and improved variety, producing roots nearly twice as large as the older sorts, pure white, tender and delicious. Pkt. 5c.

SQUASH.

Plant and cultivate about the same as Cucumbers or Melons.

55. BOSTON MORROW.—A fall and winter variety. Flesh rich salmon yellow, fine grained and of excellent quality. Cooks dry, and for sweetness and excellence is unsurpassed; one of the best squashes grown; for use from September to mid-winter. Pkt. 5c; oz. 7c.

LONGSTRETH'S SELECT TOMATOES

We make a specialty of growing tomatoes, and always select only the largest and smoothest fruits to save seed from, thus insuring only the very best seeds obtainable of this delicious vegetable. You will make no mistake if you give our Tomato Seed a trial.

Sow in hot-bed or in a box in the house rather early, and when the plants are about two inches high transplant in other boxes or small pots (if too early to set in open ground). When danger of frost is past, transplant carefully, setting the plants from 3 to 4 feet apart each way. Cultivate frequently when the plants are small.



Buckeye State.

56. BUCKEYE STATE—Is a very large, smooth tomato, and is unquestionably the heaviest yielder known. The tomatoes are borne in immense clusters of four to eight, and occasionally ten, large fruits on a single cluster, and a well-grown vine presents a magnificent appearance, being heavily loaded with this immense fruit. The tomatoes are solid, a beautiful purple red color, very large and smooth and excellent flavor. Pkt. 5c; oz. 15c.

57. ROYAL RED—Vines very productive; fruit is very large in size; deep red. A first-class tomato in every respect; perfectly smooth. Nothing that goes to make up a good tomato is lacking in the "Royal Red." Everybody is attracted by its vivid red color, large size, immense productiveness and extremely handsome appearance. Pkt. 5c; oz. 15c.

58. LIVINGSTON'S FAVORITE.—One of the largest, perfectly smooth tomatoes in cultivation. Ripens early and evenly, dark red in color, vines very vigorous and immensely productive. Pkt. 4c.; oz. 12.

59. ADVANCE.—First sent out in 1885, by a seed firm at Ravenna, Ohio, and claimed by them at that time to be the earliest and best flavored and most perfect shaped of all early varieties. And now, after fifteen years' effort of many to produce a better tomato, there are NONE THAT EQUAL THE ADVANCE in earliness, flavor or perfect shape. It has been tested with over forty so-called early tomatoes, and proved to be A FULL WEEK EARLIER THAN ANY OF THEM. So I do not hesitate to offer it as the earliest tomato in the world. The fruit is medium size, a beautiful, glossy, bright red in color, and very productive. Quality the best; very few as good; none better. Excellent canned, being superior in flavor to any other variety. It ripens all over evenly and perfectly; very smooth, not ribbed or rough; an excellent keeper and a good shipper. Be sure to include it in your order.

Pkt. 5c; oz. 20c.

Tomatoes—Continued.

60. LONGSTRETH'S GOLDEN GLORY Is undoubtedly the most beautiful YELLOW TOMATO in the world. Excellent in quality, and luscious in flavor; very fine grain; immensely productive, and I can truly say to any of my friends who want a yellow tomato, that is unsurpassed by any yellow sort in cultivation, you must buy Longstreth's Golden Glory. Pkt. 5c; oz. 20c.

61. LONGSTRETH'S MIXED.—Read the description of the above named varieties, and you will have a pretty good idea of the beautiful assortment of tomatoes you will have if you buy a packet of my Mixed Tomato Seed. Pkt. 5c.

TURNIP.

For early use sow as early as the ground can be worked, in drills one foot apart, one inch deep, and thin to six inches apart in the row. For the main crop sow broadcast in the latter part of July or August; just before a shower if possible. The soil should be rich and mellow, and kept free from weeds.

62. PURPLE TOP WHITE GLOBE.—One of the best varieties grown for general use. Very productive, large size, globe shape bulbs with red or purple top, flesh pure white, crisp and tender. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb 15c.

POTATO.

63. EARLY MICHIGAN.—EARLIEST AND HEAVIEST YIELDING POTATO ON EARTH. No potato ever introduced has become so popular in so short a time as the Early Michigan. No praise is too strong for it. It is about one week earlier than the Early Ohio, and of far better quality. It is undoubtedly the earliest potato in the world, and the most valuable variety in cultivation for those who desire an early potato. Tubers oblong in shape. Flesh snow white, and is unsurpassed for table use, whether boiled or baked, always cooking dry and floury. I do not believe there is another potato in the world that can approach its delicate flavor. Very productive. It has yielded 650 BUSHELS PER ACRE. Matures in SIX WEEKS with ordinary cultivation. Do not fail to give it a trial. One pound, by mail, 20c.; three pounds, 50c. By express or freight, not prepaid, 1 pound, 12c.; $\frac{1}{2}$ peck, 25c.



NOTICE.



Last year I offered \$1.00 in cash to the party raising the tallest stalk of Pre-Historic Corn. I sold quite a number of packets at ten cents each, but the corn failed to grow satisfactorily. The only reason I can assign is this: it was late in the spring of 1898 when I planted the seed from which I obtained the seed corn I sold last spring, and the crop did not get fully matured that fall; consequently the failure to grow satisfactorily last summer. To any one who purchased any Pre-Historic Corn from me last year, and was not satisfied, I will allow you to select other seed to the same amount as the corn cost, FREE, from my catalog for this year.

The only report sent in was from Miss Jessie Brandt, Somerset, Ohio, under date of August 24, and she reported a stalk 12 foot tall. I, of course, sent her the \$1.00 October 16, 1899, according to promise in last year's catalog.

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☞ Remember that I sell seeds as cheap, or cheaper, and give more extras with the orders, than any seedsman in the world. If others offer lower let me know it.

The water from boiled potatoes is said to destroy the big black bugs that infest cucumber and squash vines.



I Love Flowers; Don't You?

LONGSTRETH'S Select List of Choice Flower Seeds.

My flower seeds are as good as any that can be procured of any reliable seedsman. I am satisfied that my customers will find that the following list can be relied upon, and are sure to give satisfaction if properly cared for. Yet, I cannot be responsible for their growing, as there are so many ways in which good seed can be destroyed, such as cold wet weather, hot dry weather, or very fine seed that should be sown on the finest of ground and scarcely covered at all are buried under an inch of heavy clods, and of course it is impossible for them to grow under such conditions.

☞ NOTE.—Annuals bloom the first year from seed and then perish. Perennials generally do not bloom till the second year, and then live and bloom for a number of years. H. A. stands for Hardy Annual. H. H. A., Half Hardy Annual. H. P., Hardy Perennial. H. H. P., Half Hardy Perennial. "One foot," "Two feet," etc., designates about the height the plant grows.

FLOWER SEED.

64. ADONIS, H. A.—One foot. Foliage extremely beautiful; flowers crimson colored, and last a long time. Pkt. 3c.

65. ALYSSUM, H. A.—The delicate, honey-like fragrance causes it to be much admired. Flowers pure white, in racemes; peculiarly delicate and fragrant: very useful and attractive in bouquets. Pkt. 5c.

66. AMARANTHUS, H. A.—Three feet. A beautiful foliage plant, valuable for massing where striking contrast in color is desired; succeeds best on light, fairly rich soil. Sow when the weather becomes settled. Pkt. 3c.

67. BACHELOR'S BUTTON, H. A.—Two feet. Sow early; flowers white, blue and pink, in abundance from July until late in the autumn. Pkt. 4c.

68. BALSM, OR TOUCH-ME-NOTS, H. H. A.—Two feet. This is truly a wonderful pretty summer flower, producing masses of the most exquisite, lovely, brilliant colored flowers in great profusion. They prefer a rich, sandy soil, and must be well watered, and are much improved by transplanting two or three times "Imperial Mixed." Pkt. 5c.

69. BALLOON VINE, H. H. A.—Six to ten feet. A rapid and graceful climber, with beautiful white flowers. Pkt. 5c.

70. BARTONIA, T. A.—One foot. One of the brightest garden flowers, bearing a great profusion of white and golden flowers of a large size, often two inches or more in diameter; will do well in any situation. Pkt. 4c.

71. CANNA, H. H. A.—Two to four feet. This is an exceedingly ornamental plant, and imparts a tropical appearance to any garden. Soak the seed 12 to 24 hours in warm water before planting; or, better yet, file a hole just through the shell. Pkt. 5c.

72. CALENDULA, "Meteor," H. A.—A very free-flowering plant, flowers light golden yellow. Grows freely in almost any soil. One foot. Pkt. 3c.

73. CALLIOPSIS, H. A.—Two feet. Fine Mixed. A very showy plant, producing flowers in great abundance. Pkt. 3c.

74. CANDYTUFT, H. A.—One foot. Select Mixed. One of the most useful and ornamental border flowers grown, the entire plant being completely covered with the most delightful bloom almost the entire summer; indispensable for cut flowers; very easy to cultivate; sure to please every lover of flowers. Pkt. 4c.

75. CANDYTUFT, Giant Empress.—Sow the seed where the plants are to bloom as early as the ground can be worked; thin to six inches. This is one of the most showy and beautiful flowers grown. The great spikes of snowy-white blooms begin to show in June, and the bed soon becomes a brilliant mass of pure snow-white bloom. Pkt. 4c.

76. CASTOR BEAN, H. H. A.—Eight to fifteen feet. Mixed varieties. A tall, majestic plant for lawns, with very large ornamental leaves. Pkt. 4c.

77. CHRYSANTHEMUM, Fine Mixed, H. A.—Entirely distinct from the autumn varieties, blooming all summer, and making a gorgeous display in the flower garden. Pkt. 3c.

78. COLUMBINE, H. P.—Easily cultivated, and when once established will furnish a magnificent display of flowers every spring. Pkt. 3c.

79. CALIFORNIA POPPY, H. A.—One foot. Bears a great abundance of rich yellow flowers, about two inches in diameter, making a blaze of color in the sunshine. Pkt. 3c.

80. COSMOS, H. A.—Five to six feet. Handsome free-flowering annual of easy culture and fine cut foliage. Sow seed early, and transplant to about two feet apart. Pkt. 5c.

81. CLEOME PUNGENS OR GIANT SPIDER PLANT, H. A.—Four to five feet. A very strong-growing plant; unaffected by wind and weather, and flowering profusely for months; in fact, it is a PERPETUAL BLOOMER. The flowers are borne on immense spikes, often a foot or more in length, and are of a very showy, bright rose color. Pkt. 4c.

82. FOUR O'CLOCK, Superb Mixed, H. A.—Two feet. Very pretty. The plant is bushy, and bears hundreds of funnel-shaped flowers, white, red and striped colors, during the summer; will grow in any good soil. Pkt. 3c.

83. **DIGITALIS** or **FOXGLOVE**, H. P.—Three to five feet. A handsome ornamental plant of stately growth, producing dense spikes of lovely flowers. Pkt, 3c.

84. **GAILLARDIA**, H. H. A.—Two ft. Exceedingly beautiful annual. The flowers are of magnificent size, borne in wonderful profusion on long, slender stems, from early summer until frost; unsurpassed for cutting. Pkt, 3c.

85. **GODETIA**, H. A.—One foot. One of the most easily grown flowers, and none more brilliant; a profuse bloomer; mixed colors; does best in a cool situation. Pkt, 3c.

86. **GOURDS**, Longstreth's Ornamental, T. A.—A rapid growing vine, with ornamental foliage, and bearing fruit of the most varied and fantastic forms. Pkt, 4c.

87. **HOLLY-HOCK**, H. A.—Six feet. The old-fashioned variety: very pretty; mixed colors. Pkt, 2c.

88. **JOB'S TEARS**, H. A.—Three feet. A curious ornamental grass, with broad corn-like leaves and seeds of a light slate color. Pkt, 5c.

89. **LARKSPUR**, H. A.—Two feet. Plants of great beauty, with a profusion of bloom. Pkt, 3c.

90. **LINUM**, H. A.—Excellent for clumps or edgings, and one of the best and most showy annuals for bedding, having an abundance of flowers. Pkt, 3c.

91. **LOVE-IN-A-MIST**, H. A.—So called because the flowers are partly concealed by the abundance of foliage; very curious and ornamental. Pkt, 5c.

92. **MARIGOLD**, African Double, H. A.—Three feet. Superb plant, elegant and graceful, foliage very pretty; every plant is covered with magnificent double flowers of a beautiful rich dark or light yellow color. I had many specimens last summer more than three inches in diameter. Pkt, 3c.

93. **MIGNONETTE**, Imperial Mixed, H. A.—A well-known exquisite flower, very fragrant: no garden is complete without its bed of Mignonette; no bouquet is finished without a sprig of this sweet-smelling flower. It is so fragrant that the whole atmosphere around is perfumed. Pkt, 5c.



Mignonette.

94. **MORNING GLORY**, H. A.—Ten feet. A handsome, showy climber; excellent for covering arbors, fences, windows, etc. Will grow in almost any soil. Pkt, 3c.

95. **MOURNING BRIDE**, H. A.—One foot. This plant produces an abundance of large, beautiful flowers in many colors; very useful in making bouquets. Pkt, 4c.

96. **NASTURTIUM**, Dwarf, H. A.—One foot. Constantly in bloom, and the more they are picked the more they will bloom. No garden is complete without a bed of Nasturtiums. Pkt, 4c.

97. **NASTURTIUM**, H. H. A.—Climbing 8 to 10 feet. Fine for covering arbors, fences, etc. Flowers in great profusion in many beautiful colors. Pkt, 4c.

98. **PETUNIA**, H. P.—1 foot. Single mixed. Unsurpassed for massing in beds, and easy culture; blooms long and well; very attractive. Pkt, 5c.

99. **BEAUTIFUL PANSIES**, H. P.—The Pansy is the most popular of all perennials. It is everywhere popular for its brilliant beauty of flowers and prolonged period of blooming. The smallest yard must have its Pansies. We all treasure it as the symbol of modest worth and true affection. Sow early in a cool situation, shaded from the hot afternoon sun. Longstreth's Choice Mixed. Pkt, 10c.

100. **PHLOX DRUMONDI**, H. A.—One foot. For great variety, and brilliancy of colors, duration of bloom, value of cut flowers and easy culture nothing can compare with the Phlox. Pkt, 5c.

101. PINK or DIANTHUS, H. A.—10 inches. One of the most beautiful and satisfactory flowers grown. There are few flowers that have a greater abundance of the most exquisite lovely bloom than the pink. Pkt. 5c.

102. POPPY, Longstreth's Mixed, H. A.—Two feet. Very pretty plants. Flowers large and beautiful. Will grow in any garden soil, flowering in great profusion all summer if the seed is sown early in the spring. Don't transplant, as they will die nearly every time. Pkt. 5c.

103. PORTULACA, H. A.—Six inches. Very few flowers make such a dazzling display of color as the portulaca. Pkt. 5c.

104. SALVIA, H. H. A.—Two feet. One of the grandest plants in the world, a bed of them surpassing the finest scarlet

Geraniums in brilliancy and continuous bloom. The flower spikes often measure ten to twelve inches in length, and there are as many as 200 spikes on a well grown plant. From the time they begin to flower they are in bloom until killed by frost. Easy to grow; sure to give satisfaction. Pkt. 5c.

105. SWEET WILLIAM, H. P.—A great favorite, producing flowers in great abundance, in many brilliant colors. Pkt. 3c.

106. WISTERIA, H. P. (Chinese).—One of the most popular of our hardy climbers; in established plants the vines are often 50 feet or more in length. Flowers early in the spring, in long, drooping clusters, often a foot or more in length, of a light blue color. Pkt. 5c.



SWEET PEAS, H. A.

CULTURE:—Sow seed quite early, in rather rich ground, in trenches about six inches deep, and cover two inches at time of sowing, and when plants are five inches high fill up the trench. As fast as the flowers begin to fade they should be cut, for if the plants are allowed to form seed-pods, they will soon stop blooming.

107. WHITE CUPID.—The first real dwarf Sweet Peas ever offered. The plants grow about nine inches high, and spread out to twelve or fifteen inches across. The flowers are borne on a number of stems, each stem containing when in full bloom two or three blossoms. The plant when in full

bloom is a perfect mass of the finest waxy white bloom of the most delicious fragrance. Pkt. 8c.

108. BLANCHE BURPEE.—Three ft. Lovely form and of immense size, usually 3 or 4 of the most delicate sweet, pure white flowers on a stem. Pkt. 4c.; oz. 7c.; ¼ lb 20c.

109. BLANCH FERRY, H. A.—Dwarf habit, producing a great abundance of bloom earlier than any other variety. Flowers exceedingly pretty and sweet, wings nearly white, standards bright pink. Pkt. 4c.; oz. 7c.; ¼ lb 20c.

110. COQUETTE.—Deep crimson color, shaded fawn, suffused with a subtle tint

of purpleish rose. Pkt. 4c.; oz. 7c.

111. GRAY FRIAR.—Entirely unlike any other Sweet Pea. Excites surprise and admiration wherever seen. Perfectly beautiful in a bouquet. Pkt. 4c.; oz. 7c.

112. LONGSTRETH'S IMPERIAL MIXED.—Contains a mixture of a great variety of colors. In fact this mixture could well be called the Gilt Edge Mixture of all the best varieties of Sweet Peas in cultivation. Sure to give satisfaction. Pkt. 5c.; oz. 10c.

To induce all my friends and customers to try my choice collection of Sweet Peas, I will send a full size packet of each of the above varieties for only 18c.



113.

Longstreth's Wild Flower Garden.

A select mixture of many varieties of beautiful and easy-growing flowers, producing a constant and varied bloom the whole season. I know of no other way by which a person with but little ground to devote to flowers can have such an abundance of beautiful flowers of every color and shape than by sowing a packet of Longstreth's Wild Flower Garden flower seeds. Large packet only 5c.

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114. GLADIOLUS.—Is one of the most popular summer-flowering bulbs. Has brilliant spikes of flowers, embracing nearly every shade of color, and some of them are marvelously beautiful. Sure to give satisfaction. Each 5c.; $\frac{1}{2}$ doz. 25c.; doz. 40c.

115. TUBEROSE.—The Tuberose is a beautiful wax-like flower, and so fragrant that they perfume the whole atmosphere for quite a distance around. The bloom is a very rich, creamy white, growing on a stem about $2\frac{1}{2}$ or 3 feet high, each stem bearing one to three dozen flowers. Don't fail to order some Tuberose bulbs. Each 5c.; $\frac{1}{2}$ doz. 28c.; doz. 50c.

116. OXALIS—Summer Flowering.—Valuable for edging walks, flower beds, &c. Bulbs planted the first of May will bloom by the first of June, and continue to bloom all summer. Very easy to grow. Set bulbs three inches apart. 10c. per doz.



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This book was written by Eben E. Rexford, one of the best informed writers upon all matters pertaining to floriculture in America, and is a complete practical guide to the culture of flowers and plants. Every lady who loves flowers should possess a copy of it.

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Copper Sulphate.....6 pounds.
Quicklime.....4 pounds.
Water.....40 gallons.

Dissolve the copper sulphate by putting it in a bag of coarse cloth, and hang this in a vessel holding at least 4 gallons, so that it is just covered by the water. Use an earthen or wooden vessel. Slake the lime in 4 gallons of water. Then mix the two and add enough water to make forty gallons, and use for rots, moulds, mildews and all fungous diseases.

HELLEBORE.

Fresh White Hellebore.....1 oz.
Water.....3 gallons.

Apply when well mixed. For insects which chew.

KEROSENE EMULSION.

Hard Soap.....½ pound.
Boiling Water.....1 gallon.
Kerosene.....2 gallons.

Dissolve the soap in the water, add the kerosene, and churn thoroughly with a pump until the solution is well mixed. Dilute 10 to 15 times before applying. For insects which suck, cabbage worms, and all insects which have soft bodies.

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